

ABSTRACT

- 5 The invention is directed to a process for multilayer coating of
substrates which comprises
- a) applying a filler layer of a filler coating composition to a substrate,
 - b) curing the resultant filler layer by irradiation with high energy
 radiation and
 - 10 c) applying a top coat layer to the cured filler layer and curing the top
 coat layer,
- whereby the filler coating composition comprises
- A) at least one binder capable of free-radical polymerization having
 fewer than three olefinic double bonds per molecule,
 - 15 B) at least one ester of alpha,beta-olefinically unsaturated
 monocarboxylic acids capable of free-radical polymerization having
 one olefinic double bond per molecule and
 - C) at least one compound having at least one phosphoric acid group.

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